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SEQUENCE LISTING

<110> Calas, et al.

<120> Linear peptides derived from antibiotic peptides,
preparation and use for vectoring active substances

<130> 19904-009 BREESE-9

<140> 09/485,571

<141> 2000-09-06

<150> WO 99/07728

<151> 1998-08-06

<160> 38

<170> PatentIn Ver. 2.0

<210> 1

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 1

Arg Gly Gly Arg Leu Cys Tyr Cys Arg Arg Arg Phe Cys Val Cys Val
1 5 10 15

Gly Arg

<210> 2

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 2

Arg Gly Gly Arg Leu Cys Tyr Cys Arg Arg Arg Phe Cys Ile Cys Val
1 5 10 15

<210> 3
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 3
Arg Gly Gly Gly Leu Cys Tyr Cys Arg Arg Arg Phe Cys Val Cys Val
1 5 10 15

Gly Arg

<210> 4
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 4
Arg Gly Gly Arg Leu Cys Tyr Cys Arg Gly Trp Ile Cys Phe Cys Val
1 5 10 15

Gly Arg

<210> 5
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 5
Arg Gly Gly Arg Leu Cys Tyr Cys Arg Pro Arg Phe Cys Val Cys Val
1 5 10 15

Gly Arg

<210> 6
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 6
Arg Arg Trp Cys Phe Arg Val Cys Tyr Arg Gly Phe Cys Tyr Arg Lys
1 5 10 15

Cys Arg

<210> 7
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 7
Arg Arg Trp Cys Phe Arg Val Cys Tyr Lys Gly Phe Cys Tyr Arg Lys
1 5 10 15

Cys Arg

<210> 8
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 8

Lys Trp Cys Phe Arg Val Cys Tyr Arg Gly Ile Cys Tyr Arg Arg Cys
1 5 10 15

Arg

<210> 9

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 9

Arg Trp Cys Phe Arg Val Cys Tyr Arg Gly Ile Cys Tyr Arg Lys Cys
1 5 10 15

Arg

<210> 10

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 10

Lys Trp Cys Phe Arg Val Cys Tyr Arg Gly Ile Cys Tyr Lys Arg Cys
1 5 10 15

Arg

<210> 11

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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<222> (1)..(18)
<223> Xaa may be the amino acids as defined in the spec

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 11
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa

<210> 12
<211> 18
<212> PRT
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<223> Xaa may be the amino acids as defined in the spec

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 12
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa

<210> 13
<211> 18
<212> PRT
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<223> Xaa may be the amino acids as defined in the spec

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 13

Arg Xaa Xaa Arg Xaa Xaa Xaa Xaa Arg Arg Arg Xaa Xaa Xaa Xaa Xaa

1

5

10

15

Xaa Arg

<210> 14

<211> 18

<212> PRT

<213> Artificial Sequence

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<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 14

Arg Arg Xaa Xaa Xaa Arg Xaa Xaa Xaa Arg Xaa Xaa Xaa Xaa Arg Arg

1

5

10

15

Xaa Arg

<210> 15

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 15

Arg Gly Gly Arg Leu Ser Tyr Ser Arg Arg Arg Phe Ser Val Ser Val

1

5

10

15

Gly Arg

<210> 16

<400> 16

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<210> 17

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 17

Arg Gly Val Ser Val Ser Phe Arg Arg Arg Ser Tyr Ser Leu Arg Gly

1

5

10

15

Gly Arg

<210> 18

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 18

Glu Gly Gly Glu Leu Ser Tyr Ser Glu Glu Glu Phe Ser Val Ser Val

1

5

10

15

Gly Glu

<210> 19

<211> 18

<212> PRT

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<220>

<223> Description of Artificial Sequence: chemically

synthesized

<400> 19

Arg Gly Gly Arg Leu Ala Tyr Arg Leu Leu Arg Phe Ala Ile Arg Val
1 5 10 15

Gly Arg

<210> 20

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 20

Xaa Gly Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Gly

<210> 21

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT

<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 21

Arg Ala Ala Arg Leu Gly Tyr Arg Xaa Xaa Arg Phe Gly Xaa Arg Val

1

5

10

15

Gly Arg

<210> 22

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 22

Tyr Arg Arg Arg Phe Ser Val Ser Val Arg

1

5

10

<210> 23

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 23

Arg Arg Leu Ser Tyr Ser Arg Arg Arg Phe

1

5

10

<210> 24

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 24

Arg Arg Leu Ser Tyr Ser Arg Arg Arg Phe Ser Val Ser Val Arg

1

5

10

15

<210> 25
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 25
Arg Gly Gly Arg Leu Ser Tyr Ser Arg Arg Arg Phe Ser Thr Ser Thr
1 5 10 15

Gly Arg

<210> 26
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 26
Lys Trp Ser Phe Arg Val Ser Tyr Arg Gly Ile Ser Tyr Arg Arg Ser
1 5 10 15

Arg

<210> 27
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 27
Arg Trp Ser Phe Arg Val Ser Tyr Arg Gly Ile Ser Tyr Arg Arg Ser
1 5 10 15

Arg

<210> 28

<400> 28

000

<210> 29

<400> 29

000

<210> 30

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 30

Arg Ser Arg Arg Tyr Ser Ile Gly Arg Tyr Ser Val Arg Phe Ser Trp

1

5

10

15

Lys

<210> 31

<211> 17

<212> PRT

<213> Artificial Sequence

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<221> VARIANT

<222> (1)..(17)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 31

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa

1

5

10

15

Xaa

<210> 32
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 32
Lys Trp Ala Phe Arg Val Ala Tyr Arg Gly Ile Arg Tyr Leu Leu Arg
1 5 10 15

Leu

<210> 33
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<223> Xaa may be the amino acids as defined in the spec.

<220>
<223> Description of Artificial Sequence: chemically
synthesized

<400> 33
Lys Tyr Ala Trp Arg Val Ala His Arg Gly Ile Arg Trp Leu Leu Arg
1 5 10 15

Xaa

<210> 34
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
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<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 34

Arg	Gly	Gly	Arg	Leu	Xaa	Tyr	Xaa	Arg	Arg	Arg	Phe	Xaa	Val	Xaa	Val
1				5				10					15		

Gly Arg

<210> 35

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT

<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 35

Arg	Arg	Trp	Xaa	Phe	Arg	Val	Xaa	Tyr	Arg	Gly	Phe	Xaa	Tyr	Arg	Lys
1				5				10					15		

Xaa Arg

<210> 36

<211> 17

<212> PRT

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<220>

<221> VARIANT

<222> (1)..(17)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 36

Lys Trp Xaa Phe Arg Val Xaa Tyr Arg Gly Ile Xaa Tyr Arg Arg Xaa
1 5 10 15

Arg

<210> 37

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<220>

<221> VARIANT

<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<400> 37

Arg Gly Gly Arg Leu Xaa Tyr Xaa Arg Arg Arg Phe Xaa Val Xaa Val
1 5 10 15

Gly Arg

<210> 38

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically
synthesized

<400> 38

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa